# Recreational Use Attainability Analysis

## **Cover Sheet**

Water Body Name: Trib to Red Oak Cr. (aka: Soap Cr)
Water Body Identification #: 3359
Completed UAA Checklist:  Pre-Field Preparatory Data Sheet  Maps with actual survey sites marked  Data Sheet A  Data Sheet B - 3 of 3 pages for each site  Number of Sites:  Data Sheet C (if applicable)  Number of Interviews:  Photographs  Quantities  Upstream  Downstream  Other  Other  The undersigned, hereby affirm to the best of my knowledge, that all information reported in this UAA
is true and accurate.
Signed:
Printed Name: John Roberts Telephone #: 410-366-8993
Signed:

## <u>Pre-Field Preparatory Data Sheet</u> <u>for Recreational Use Stream Surveys</u>

Water Body Name: (from USGS 7.5' quad) Trib. to Re	ed Dak Cr. (aka Soap Cr.)
8-digit HUC:	Missouri Water Body Identification (WBID) #: 3359
County: Gasconade	
Upstream Legal Description: 1000	
Downstream Legal Description: 974	
Discharger Facility Name(s): Owens	wille wutf
Discharger Permit Number(s): MODD	
Weather Conditions for Past 7 days:	

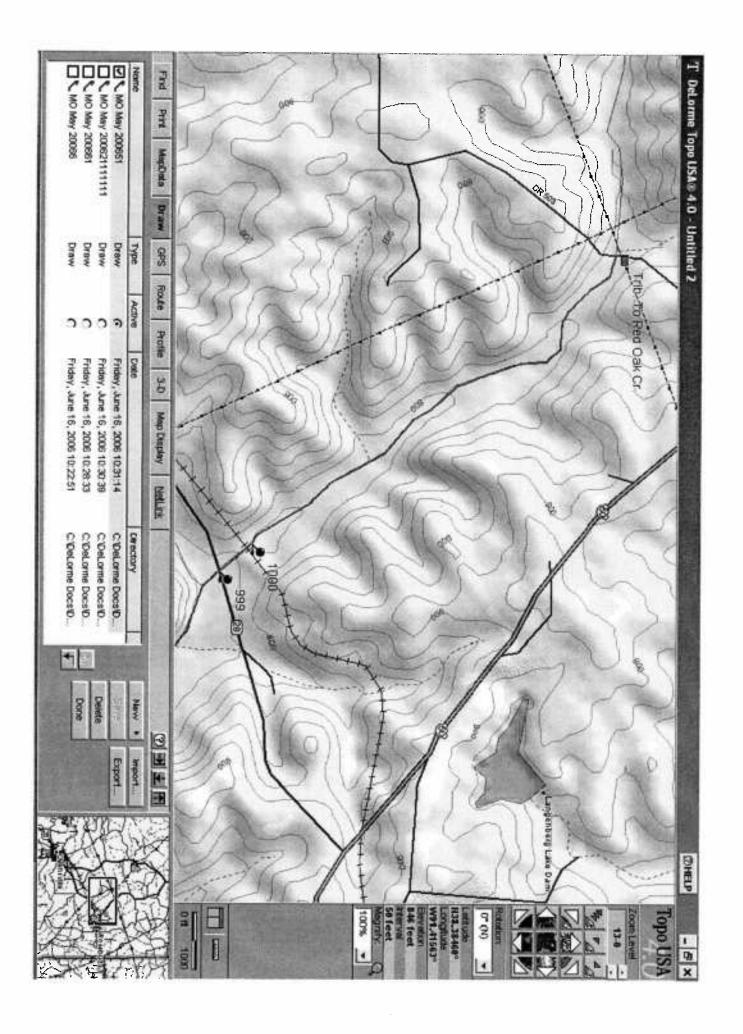
Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest.

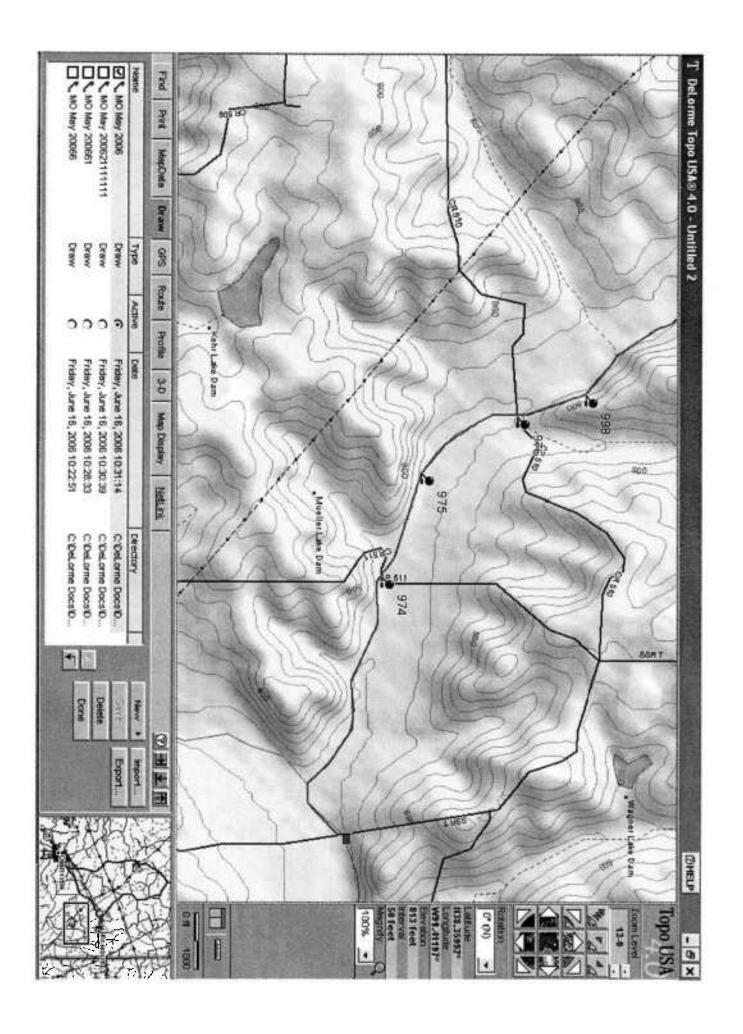
WBID #	# <u>335</u>	9	
Date:	/	/	

# Field Data Sheets for Recreational Use Stream Surveys

# Data Sheet A - Water Body Identification

Water Body Name: Trib to Red Oak Cr. (aka Soap Cr)
WBID #: 3359
Upstream Coordinates: (WGS 84, ddd.dddd) 1000 38.36932, -91.41499
Downstream Coordinates: 974 38.36823, -91,41483
Current Weather Conditions: Clear Hot
Number of Sites Evaluated: (
Name(s) of Surveyor(s): Chad Barbour John Roberts





Date: 07/16/2006

## Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): 3	18.36823		Arrival Time:	
Longitude (ddd.dddd):	091.41483	Acc: 49.4 FT.	143	O
Photo Ids: Upstream:	<del></del>	Downstream: 0675	Other:	
	-00		com a comment of the second	
		0670- PEN	CG, AGNJCULTUNG	
		scribe access point to stream, ne	arby roads, landmarks, etc.)	
AT CR 510 Chos.	SING.			
rrounding Condition as of interest.)	ns*: (Mark all that p	promote or impede recreational	uses. Attach photos of evide	nce or unusual
	Dlavorounda	☐ MDC conservation lands		
☐ City/county parks	☐ Playgrounds		☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☑ Fence	☐ Steep slopes	Other: AGRICUTUA	C-SEG PHOTO 067
man Uses Observed	<b>l*:</b>			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☑ None of the above	☐ Other:
Describe: (include numb	per of individuals rec	reating, frequency of use, photo	-documentation of evidence	of recreational uses, etc.
dence of Human Us				
Roads	<u> </u>	oto Deple/platforms		
	☐ Foot paths/prir		☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
Other:		,		
irces of Pollution: (e	or trach dumning ti	ree drainagee discharges ata \		

QL: 07-16-06 Joh Mahut

	16 / 2006				
	Data	a Sheet B - Site Ch	aracterization – 2 o	f 3	
ream Mor Upstream	phology: View Physical Din	nensions: 8.41,0	143 0.42		
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
□ Run					
☑ Pool	20	11	20	0.42	0.43
☐ Flow	D	MNo	Velocity (ft/sec):		
	Present? ☐ Yes  am View Physical I  Distance from	Dimensions: 0.58	. 0.57, 0.64m		
		Dimensions: 0.58	. 0.57, 0.64m		
Downstre	am View Physical I			Avg. Depth (m)	Max Depth (m)
Downstres	am View Physical I	Dimensions: 0.58	. 0.57, 0.64m	Avg. Depth (m)	Max Depth (m)
Downstre	am View Physical I Distance from access point (m)	Dimensions: 0.58 Width (m)	. 0.57, 0.64m	Avg. Depth (m)	Max Depth (m)
Downstre:  □ Riffle □ Run □ Pool	am View Physical I	Dimensions: 0.58 Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
Downstre	am View Physical I Distance from access point (m)	Dimensions: 0.58 Width (m)	Length (m)		
Downstres  □ Riffle □ Run □ Pool □ Flow	am View Physical I  Distance from access point (m)  25  Present?   Yes	Dimensions: 0.53 Width (m)	Length (m)		
Downstres  □ Riffle □ Run □ Pool □ Flow  bstrate*:	am View Physical I  Distance from access point (m)  25  Present?	Width (m)  14  No  Id up to 100%.)	25 Velocity (ft/sec):	0.40	0.64
Downstres  Riffle Run Pool Flow bstrate*:	am View Physical I  Distance from access point (m)  25  Present?	Width (m)  14  No  Id up to 100%.)	Length (m)  25 Velocity (ft/sec):	0.40	0.64
Downstre	am View Physical I  Distance from access point (m)  25  Present?	Width (m)  14  No  Id up to 100%.)  Gravel 20 %	25 Velocity (ft/sec):	ilt % Mud/Cla	0.64

Odor:	☐ Sewage	☐ Musky	☐ Chemical	□None	☐ Other:	
Color:	□ Clear	☐ Green	☐ Gray	☐ Milky	19 Other: BAOWN	
Bottom Deposit:	□ Sludge	☐ Solids	☐ Fine sediments	None None	☐ Other:	
Surface Deposit:	□ Oil	☐ Scum	□ Foam	□ None	☐ Other:	

<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID	#	3359		Site #	974
Data	07	1 11	1	2.47	

# Data Sheet B - Site Characterization - 3 of 3

<b>Comments:</b> Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).	
NOVA	
	_
	_
	Ī

Date: 07 / 16 / 2006

Telephone #:

Noné

## Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

1. Do you live i	in the area?	•	sary for multiple inter	
	rsonally used the ase check ALL t		ecreation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
3. Have you ob	G 1 – 5 time G Less than ———served others us	5 times per year s per year 1 time per year – p	lease describe:	
	ase check ALL t			
Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	Boating	□ Wading	Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	Other:
	G More than G 1 – 5 times Less than	•	for recreation?	
Contact Information Name: Address:	ation (if willing	to provide):		

WBID # 3 359 Site # 975

Date: 07 / 16 / 2006

## Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd):			Arrival Time:	•
Longitude (ddd.dddd):	091.41474	40:18.8 PT	15	80
Photo Ids: Upstream:	0679 [	Oownstream: 6680	Other:	
rrative Description	of Location: (De	scribe access point to stream, ne	arby roads, landmarks, etc.)	
120 M DOWNSTAG			, , , , , , , , , , , , , , , , , , , ,	
rrounding Conditions of interest.)	ns*: (Mark all that p	promote or impede recreational t	uses. Attach photos of evide	nce or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep slopes	Other: AGNICULTUME	
man Uses Observed	1*:			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☑ None of the above	☐ Other:
dence of Human Us		reating, frequency of use, photo-		,
☐ Roads	☐ Foot paths/prin	ts Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
- reope swings				1
☐ Other: NoNE	- 17-27			
□ Other: NoNE	.g., trash dumping, ti	res, drainages, discharges, etc.)		

21:07-16-06 Joh Jut

WBID# <u>33</u>	59 Site	e#97	75	_							4
Date: 😽 / j	716/200	6									
	37-16-06		Sheet	B - Site Cl	ıaracı	terization	1 – 2 of	3			
~. ~.								_			
Stream Morp <u>Upstream</u>		ical Dim	ensior	יים איים. מיים איים	. 181 c	1121					
	Distance access po	from		Vidth (m)	10,0	Length (r	n)	Avg.	Depth (m)	Max	Depth (m)
☐ Riffle											
□ Run											
☑ Pool	120			12.5		15		0.	51	٥	.21
☑ Flow	Present?	☐ Yes	Ø No	)	Vel	ocity (ft/se	c):				· · · · · · · · · · · · · · · · · · ·
Dossmatnaa	m Warr Dl	.v.alaal D	·!								- HARMAN - HARMAN
Downstrea	Distance	from			0.1		1				
	access po	int (m)		Vidth (m)		Length (n	n) ————	Avg.	Depth (m)	Max	Depth (m)
☐ Riffle			····								
□ Run					_						
☑ Pool	120			6.0		9		O	16	0,1	7m
☑ Flow	Present?	☐ Yes	☑ No	)	Vel	ocity (ft/se	c):				
Substrate*: (	These volves	ahould ada	dum to 1	1000/ )							
			ravel		Sand	1-5/-	% Sil	t	% Mud/Clay	95	% Bedrock
		<del>-</del>								1 10	70 Dedrock
Aquatic Vege	tation*: (N	ote amoun	t of veg	etation or alga	l growt	h at the ass	essment :	site.)			
NONE											
Water Charac	cteristics*:	(Mark all	that ap	oly.)							
Odor:	□ Se	wage	□м	usky 🗆	] Chen	nical	Non	e	☐ Other:		
Color:	M CI	ear	□ Gı	reen [	Gray		☐ Mill	cy	☐ Other:		
Bottom Depo	osit: 🗆 Slo	udge	□ Sọ	lids [	Fine s	sediments	M Non	e	☐ Other:		
Surface Depo	osit: 🗆 Oi	1	☑ Sc	um 🗆	Foam		□ Non		☐ Other:		
					· · ·			<del></del>			

<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

Date: 07/16 / 2086

## Data Sheet B - Site Characterization - 3 of 3

<b>Comments:</b> Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).							
SITE MOVED FOR BETTER	Access.						

WBID # 3359 Site # 975

Date: 07 / 16 / 2006

Telephone #:

NONE

## Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet C - Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live i		Yes □ No lived here?		,	
	rsonally used thi		ecreation since 1975?	□ Yes □ No	
☐ Swimming	☐ Skin diving ☐ SCUBA diving ☐ Tubing ☐ Water skiing				
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting	
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	□ Other:	
3. Have you ob	G 1 – 5 times G Less than  served others us	5 times per year s per year 1 time per year – p	lease describe:		
☐ Swimming	ase check ALL t	nat apply:     SCUBA diving	☐ Tubing	D W-4	
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Water skiing ☐ Rafting	
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:	
How often have you observed it being used for recreation?  G More than 5 times per year  G 1 - 5 times per year  G Less than 1 time per year - please describe:					
4. Additional C					
Contact Information Name: Address:	ation (if willing	to provide):			

3

WBID # 3359 Site # 976

Date: 07 / 16 / 2006

## Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

AT CR 511 ROAD CRUSSING.    AT CR 511 ROAD CRUSSING     Arrounding Conditions*: (Mark all that promote or impede rems of interest.)   City/county parks   Playgrounds   MDC conserva     Boating accesses   State parks   National forests     No trespass sign   Fence   Steep slopes    Swimming   Skin diving   SCUBA     Wind surfing   Rayaking   Boating     Hunting   Trapping   Fishing     Describe: (include number of individuals recreating, frequency of the state of the surfice of the	Stream, nearby roads, landmarks, etc.)
Photo Ids: Upstream: 0681 Downstream: 068    Comparison of Location: (Describe access point to AT CR 511 ROAD CRUSTING.	Stream, nearby roads, landmarks, etc.)
rrative Description of Location: (Describe access point to AT CR 511 ROAD CRASSING.  rrounding Conditions*: (Mark all that promote or impede ros of interest.)    City/county parks	Stream, nearby roads, landmarks, etc.)
rrative Description of Location: (Describe access point to AT CN 511 NOAD CNASSING.  rrounding Conditions*: (Mark all that promote or impede ros of interest.)    City/county parks	stream, nearby roads, landmarks, etc.)
rrounding Conditions*: (Mark all that promote or impede reas of interest.)    City/county parks	!
rrounding Conditions*: (Mark all that promote or impede reas of interest.)    City/county parks	reational uses. Attach photos of evidence or unusual
City/county parks	reational uses. Attach photos of evidence or unusual
City/county parks ☐ Playgrounds ☐ MDC conserva☐ Boating accesses ☐ State parks ☐ National forests☐ No trespass sign ☐ Fence ☐ Steep slopes    Mational forests☐ Steep slopes ☐ Steep slopes ☐ Swimming ☐ Skin diving ☐ SCUBA ☐ Wind surfing ☐ Kayaking ☐ Boating ☐ Hunting ☐ Trapping ☐ Fishing ☐ Describe: (include number of individuals recreating, frequency of the steep slopes ☐ Foot paths/prints ☐ Dock/players ☐	reational uses. Attach photos of evidence or unusual
City/county parks ☐ Playgrounds ☐ MDC conserva☐ Boating accesses ☐ State parks ☐ National forests☐ No trespass sign ☐ Fence ☐ Steep slopes    Man Uses Observed*: ☐ Swimming ☐ Skin diving ☐ SCUBA (☐ Wind surfing ☐ Kayaking ☐ Boating ☐ Hunting ☐ Trapping ☐ Fishing ☐ Describe: (include number of individuals recreating, frequency of the first o	reational uses. Attach photos of evidence or unusual
□ City/county parks □ Playgrounds □ MDC conserva   □ Boating accesses □ State parks □ National forests   □ No trespass sign □ Fence □ Steep slopes      MDC conserva	-
□ No trespass sign □ Fence □ Steep slopes    Man Uses Observed*:   □ Swimming □ Skin diving □ SCUBA of □ Wind surfing □ Kayaking □ Boating □ Hunting □ Trapping □ Fishing □ Describe: (include number of individuals recreating, frequency of property of the	on lands   Urban areas   Campgrounds
Swimming	☐ Nature trails ☐ Stairs/walkwa
Swimming	Other: AGNICULTURE-SEE PHOTO
□ Swimming □ Skin diving □ SCUBA of □ Wind surfing □ Kayaking □ Boating □ Hunting □ Trapping □ Fishing □ Describe: (include number of individuals recreating, frequency of the state of th	The state of the section of
□ Wind surfing       □ Kayaking       □ Boating         □ Hunting       □ Trapping       □ Fishing         Describe: (include number of individuals recreating, frequency of individuals recreating)       □ Feot paths/prints       □ Dock/plant	
☐ Hunting ☐ Trapping ☐ Fishing  Describe: (include number of individuals recreating, frequency of individuals recreating)  idence of Human Use*:  ☐ Roads ☐ Foot paths/prints ☐ Dock/pla	ving
Describe: (include number of individuals recreating, frequency of individuals recreating frequency of individual recreation frequency of individuals recr	☐ Wading ☐ Rafting
idence of Human Use*:  ☑ Roads □ Foot paths/prints □ Dock/pl	☑ None of the above ☐ Other:
☐ Foot paths/prints ☐ Dock/pla	use, photo-documentation of evidence of recreational uses
☐ Foot paths/prints ☐ Dock/pla	
☐ Roads ☐ Foot paths/prints ☐ Dock/pla	
☐ Foot paths/prints ☐ Dock/pla	
☐ Foot paths/prints ☐ Dock/pla	
D Pope swings D Committee Sites D P: 11/	
☐ Rope swings ☐ Camping Sites ☐ Fire pit/s	form
☐ Other:	<u> </u>
urces of Pollution: (e.g., trash dumping, tires, drainages, disch	
AGNICULTURE - SEE PHOTO 0685	ng □ NPDES Discharge □ Fishing Tackle

July July July

P \ 501P				
Data	Sheet B - Site Ch	aracterization – 2 o	of 3	
	nensions: 0-41,0	145, 0.65m		
Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
1	13	1	0.50	0.65
Present?	☑ No	Velocity (ft/sec):		21/2-2
m View Physical I Distance from access point (m)	Dimensions: ★ @S Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
uccess point (iii)				
				**************************************
6	12	6	1.0	1.5
Present?	☑ No	Velocity (ft/sec):		
These values should ad	d up to 100%.)			
Cobble 80 % (	Gravel %	Sand %:	Silt % Mud/Clay	% Bedroc
ation*• (Note amoun	et of vegetation or algal	growth at the accompan	at aita )	
action * (Note amoun	it of vegetation of argain	growth at the assessmen	it site.)	
	hology: View Physical Dim Distance from access point (m)  Present?  Yes  Wiew Physical I Distance from access point (m)  Cobble S % % C	hology: View Physical Dimensions: 0.41,0  Distance from access point (m)  Present? Yes No  Midth (m)  Width (m)  Width (m)  Width (m)  Finese values should add up to 100%.)  Cobble 80 % Gravel %	Hology:  View Physical Dimensions: ○.41,0.45, ○.65  Distance from access point (m)  View Physical Dimensions: ★ €> Towateo Duc Towates point (m)  Width (m)  Velocity (ft/sec):  M View Physical Dimensions: ★ €> Towateo Duc Towates point (m)  Width (m)  Length (m)  Length (m)  Velocity (ft/sec):  These values should add up to 100%.)  Cobble ② % Gravel % Sand % Sand % Sand % Sand % Sand Sand Sand Sand Sand Sand Sand Sand	Distance from access point (m)  Width (m)  Length (m)  Avg. Depth (m)  Avg. Depth (m)  Present? Yes No Velocity (ft/sec):  M View Physical Dimensions: * 65 T MATGO DUG TO DECTH  Distance from access point (m)  Width (m)  Length (m)  Avg. Depth (m)  Avg. Depth (m)  Velocity (ft/sec):

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

☐ Foam

☐ Gray

☐ Fine sediments

☑ Other:

☐ Other:

☐ Other:

☐ Milky

□ None

None

Color:

Bottom Deposit:

Surface Deposit:

☐ Clear

☐ Sludge

□ Oil

☐ Green

☐ Solids

☐ Scum

WBID# 3359	_ Site #	976
Date: 67 / 16 /	2006	

# Data Sheet B - Site Characterization - 3 of 3

<b>Comments:</b> Please describe any departures from protocol and the reasons for departures, problems in measuring, site relocation).	rture (e.g., unanticipated unique local
NONE	

WBID # 3359 Site # 976

Date: 07/16 / 2006

NONE

# Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet C – Interviews

1. Do you live i	n the area?	-	sary for multiple inter	views)	
2. Have you per		s water body for re	ecreation since 1975?	□ Yes □ No	
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting	
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:	
How often do you use it for recreation?  G More than 5 times per year  G 1 - 5 times per year  G Less than 1 time per year - please describe:  3. Have you observed others using this water body for recreation since 1975?   No					
☐ Swimming	ase check ALL the Skin diving	□ SCUBA diving	☐ Tubing	□ Woter skiine	
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Water skiing ☐ Rafting	
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:	
How often have you observed it being used for recreation?  G More than 5 times per year  G 1 - 5 times per year  G Less than 1 time per year - please describe:  4. Additional Comments:					
Contact Information		to provide):			

Address:

Telephone #:

WBID # 3359 Site # 918

Date: 07 / 16 / 2006

## Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): 3	18136223		Arrival Time:		
Longitude (ddd.dddd):	691.40635	A (() 30 1 57	155	0	
Photo Ids: Upstream:		ACC 35.6 FT.  Downstream: 0688	Other:		
			or P 67270	0 0	
<u> </u>		063 4 - MOLADIA	AY, PATH INTO STAXAN	DEV	
		scribe access point to stream, r	nearby roads, landmarks, etc.)		
130 M UPSTAGAM	OF CR 511	MOAD CAUSSING.			
	ns*: (Mark all that ]	promote or impede recreationa	l uses. Attach photos of evide	nce or unusual	
ns of interest.)	П pl1-				
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds	
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway	
☐ No trespass sign	trespass sign				
man Uses Observed	l*:				
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting	
☐ Hunting	☐ Trapping	☐ Fishing	☑ None of the above	☐ Other:	
Describe: (include numb	ber of individuals rec	reating, frequency of use, photo	o-documentation of evidence	of recreational uses, etc.	
idence of Human Us	no*•				
Roads	□ Foot paths/prin	nts	☐ Livestock Watering	RV / ATV Tracks	
☐ Rope swings	☐ Camping Sites				
			☐ NPDES Discharge	☐ Fishing Tackle	
Other: CAR PATE	H JNTO STREA.	mBED - SEE PHU 70 0639			
arces of Pollution: (e	e.g., trash dumping t	ires, drainages, discharges, etc.	)		
AGNICULTURG-SEC			,		
·					

QU; 07-16-06 Jula Halm

<b>WBID#</b> 3:	359 Site#_	993					4
	16 / 2006						<b>'</b> #
with the state of		Data Sheet B	- Site Charact	terization – 2	2 of 3		
Stream Mor <sub>l</sub>	nhalaay						
_	View Physical	Dimensions:	0.25, 0.28,	, 0.30 M			
	Distance from	m Wide	th (m)	Length (m)	Avg	g. Depth (m)	Max Depth (m)
☐ Riffle							
☐ Run				,			
Pool	190	8.	.4	<b>3</b> 0	Το.	28	0.30
Flow	Present?	Yes 🗹 No	Ve	locity (ft/sec):			
Darwardwa	V'! DL!	1 Di-					
Downstrea	am View Physic  Distance from	m İ			<del></del>		
	access point (1	Widt	th (m)	Length (m)	Avg	g. Depth (m)	Max Depth (m)
☐ Riffle							
□ Run							
☑ Pool	140	6.	.5	8	Ō.	14	0.17
☑ Flow	Present?	Yes ☑ No	Ve!	locity (ft/sec):		A Comment of the Comm	
	(These values shou Cobble 95			T	v 03.	0/35 1/01	2/5.
5 %	Cobble 95	% Gravel	% Sand	7	% Silt	% Mud/Clay	% Bedrock
Aquatic Vego	etation*: (Note a	mount of vegetat	tion or algal grow	th at the assessm	nent site.)		
NONE		<u> </u>	<u> </u>				
							***************************************
V <u>ater Chara</u>	acteristics*: (Ma	ark all that apply.	)				
Odor:	☐ Sewage	e 🗆 Musky	y 🗆 Chen	nical 🗹	None	☐ Other:	
Color:	🗹 Clear	☐ Green	ı 🗆 Gray		Milky	☐ Other:	
Bottom Dep	oosit:   Sludge	□ Solids	s □ Fine	sediments 🗹	None	☐ Other:	***************************************

☐ Foam

M None

☐ Other:

Surface Deposit:

□ Oil

☐ Scum

<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

-

Date: 67 / 16 / 2016
Data Sheet B - Site Characterization – 3 of 3
Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

WBID #	<u> </u>	Site #	998
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Date: 67/16 / 2006

NONG

# Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet C – Interviews

	(Make addition	nal copies as necess	sary for multiple interv	views)
1. Do you live i	n the area?   v long have you			
	rsonally used thi		ecreation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
	G 1 – 5 time G Less than	5 times per year s per year 1 time per year – p	lease describe:	
	served others us ase check ALL t		for recreation since 1	975? □ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
	G More than $1-5$ times	rved it being used 5 times per year s per year 1 time per year – p		
4. Additional Co	omments:			
Contact Information	ation (if willing	to provide):		

Address:

Telephone #:

WBID # 3359	Site # _ 9 9 9
Doto: 35 /	1 2 1

# Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet B - Site Characterization - 1 of 3

Latitude (ddd.dddd):	, ,		Arrival Time:	
Longitude (ddd.dddd):	011-43349	ACC: 25%FT	1400	
Photo Ids: Upstream:		Downstream: 0671	Other:	
		672-AGRICULTURE, F	ENCC 0673- 1AASH	YOU TOP OF BAN
rrative Description	of Location: (De	scribe access point to stream, ne	arby roads, landmarks, etc.)	)
AT MOVIERS MOA	DCROSSING.			
			**	****
rrounding Conditio	ns*: (Mark all that J	promote or impede recreational u	uses. Attach photos of evide	ence or unusual
ns of interest.)				
☐ City/county parks	□ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	Fence	☑ Steep slopes	Other: ACMICULTUR	IT - SEE PHOTO 067
man Usas Obsess	L SIGHT A	JOT ACCESSIBLE DUG TO	FENCES-SEE PITOTO	0672
man Uses Observed				<del></del>
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	☐ Other:
Describe: (include numb	er of individuals rec	reating, frequency of use, photo-	documentation of evidence	of recreational uses, et
		•		
dence of Human Us	ie*:			· p · · · · · · · · · · · · · · · · · ·
☑ Roads	☐ Foot paths/prin	ts Dock/platform	☐ Livestock Watering	☐ RV / ATV Track
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
1 8-				
☐ Other:  rces of Pollution: (e	.g., trash dumping, ti	res, drainages, discharges, etc.)		× .
☐ Other:	.g., trash dumping, ti	res, drainages, discharges, etc.)		`

\*-MASOMITY OF STAGAMBED PAY-SEE PHOTOS 0670 & 0671.

QL1,07-16-06 July Junt

-	16 / 2006	Short D. Cit. Ci			
	Data	a Sheet B - Site Ch	aracterization – 2	of 3	
ream Mor					
Upstream	View Physical Din	nensions: *-VISV	XLLY ESTINATED -	NO ACCESS	
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
□ Riffle					
				,	
□ Run				1	1
□ Run □ Pool	0	7.4	8	0.18	0.30
Pool Flow	Present?	7.4 No	Velocity (ft/sec):	0.18	0.30
Pool Flow		™o	Velocity (ft/sec):		
Pool Flow	Present?	☑No  Dimensions: *- Vɔ	Velocity (ft/sec):	TGD-No Access	
Pool Flow  Downstre	Present?	☑No  Dimensions: *- Vɔ	Velocity (ft/sec):	TGD-No Access	
Pool Flow  Downstre	Present?	☑No  Dimensions: *- Vɔ	Velocity (ft/sec):	Avg. Depth (m)	Max Depth (m)
Pool Flow  Downstre  Riffle  Run	Present?	Der No  Dimensions: ★- V∃  Width (m)	Velocity (ft/sec):  SUALLY ESTIMA  Length (m)	TGD-No Access	0.30  Max Depth (m)
Pool Plow Plow Riffle Run Pool Flow	Present?	No  Dimensions: ★- V3  Width (m)  7.5	Velocity (ft/sec):  SUALLY ESTEMP  Length (m)	Avg. Depth (m)	Max Depth (m)

Water Characteristics\*: (Mark all that apply.)

Odor:	☐ Sewage	□ Musky	☐ Chemical	☑ None	☐ Other:	
Color:	☑ Clear	☐ Green	☐ Gray	☐ Milky	☐ Other:	
Bottom Deposit:	□ Sludge	□ Solids	☐ Fine sediments	None	Other:	
Surface Deposit:	☑ Oil	□ Scum	□ Foam	□ None	☑ Other: ALGAE	

<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

Date: 07 / 16 / 2006

# Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique le conditions, problems in measuring, site relocation).	ocal

<b>WBID</b> #3_3	359 Site	#_ 949
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Date: 07 / 16 / 2016

Telephone #:

NONE

# Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

	in the area?   w long have you			viewsy
2. Have you pe If so, ple	rsonally used that ase check ALL t	is water body for rethat apply:	ecreation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
3. Have you obs	G 1 – 5 times G Less than  served others usi	5 times per year s per year 1 time per year – p	lease describe:	
If so, plea  ☐ Swimming	ise check ALL t	hat apply:		T
☐ Wind surfing	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Hunting	☐ Kayaking ☐ Trapping	☐ Boating	□ Wading	☐ Rafting
	— тарріні <u>я</u>	☐ Fishing	☐ None of the above	☐ Other:
(	G More than $1-5$ times	rved it being used to 5 times per year per year time per year pl		
4. Additional Co	omments:			
Contact Informa Name: Address:	tion (if willing t	o provide):		

WBID # 3359 Site # 1000

Date: 07 / 16 / 2006

#### Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd):	38.36972		Arrival Time:	1445
Longitude (ddd.dddd):	0 to 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4		
Photo Ids: Upstream:	011. 41999	Acc. 20.0 FT.	Other:	,
Thoto ids. Opsiteam.	06)7	6678	Other:	
			And the second s	
arrative Description	of Location: (De	scribe access point to stream	n, nearby roads, landmarks, etc.	)
120 M UPSTAGAM			, , , , , , , , , , , , , , , , , , , ,	,
irrounding Conditio	ns*: (Mark all that p	promote or impede recreation	onal uses. Attach photos of evidence	ence or unusual
ms of interest.)				
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lan	ds Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☑ Steep slopes	Other: AGNJCVL70	AG-SEE PHOTO 6675
II Ob	J & .			
uman Uses Observed				
Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	Rafting
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	☐ Other:
Describe: (include num	ber of individuals rec	reating, frequency of use, p	hoto-documentation of evidence	e of recreational uses, etc.
		•		
ridence of Human Us	se*:			
□ Roads	☐ Foot paths/prir	ts Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	□ NPDES Discharge	☐ Fishing Tackle
☑ Other: Nanú		I iie piumg	LI 11 DES Discharge	Tishing Tackie
_ Culci. None				
urces of Pollution: (6	e.g., trash dumping, ti	res, drainages, discharges, e	etc.)	
AGATCULTURE	<u> </u>			

QL: 07-16-06 John Jourt

Max Depth (m)

0.26

Max Depth (m)

0.58

0.56

te: <u>07 /</u>	16 / 200	6			
		Data	Sheet B - Site Ch	aracterization – 2	of 3
ream Mor	nhology				
		ical Din	nensions: 0.26.0.	35,0.25~	
	Distance access po		Width (m)	Length (m)	Avg. Depth
□ Riffle					
□ Run					
Pool	120	>	4.7	6	0.25
Flow	Present?	□ Yes	☑ No	Velocity (ft/sec):	
	***				
Downstre			Dimensions: 0.55	, 0.54, 0.88	
	Distance access po	e from	Width (m)	Length (m)	Avg. Dept
☐ Riffle					

Substrate*:	(These values	should add up	to 100%.)

50

120

☐ Yes

Present?

% Cobble

□ Run Pool

☐ Flow

10	% Cobble	50	% Gravel	% Sand	% Silt	% Mud/Clay	40	% Bedrock	
A anotia V	agatation*	• (37.4							

% Sand

10

Velocity (ft/sec):

**Aquatic Vegetation\*:** (Note amount of vegetation or algal growth at the assessment site.)

No No

% Gravel

5.8

-	NONE	
I		
ı		
ı		

Water Characteristics\*: (Mark all that apply.)

Odor:	☐ Sewage	□ Musky	☐ Chemical	☑ None	☐ Other:
Color:	Clear	☐ Green	☐ Gray	□ Milky	☐ Other:
Bottom Deposit:	☐ Sludge	□ Solids	Fine sediments	□ None	☐ Other:
Surface Deposit:	□ Oil	□ Scum	□ Foam	☑None	☐ Other:

<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

7
J

Date: 67 / 16 / 2006	
Data Sheet B - Site Characterization – 3 of 3	
Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique loc conditions, problems in measuring, site relocation).  5 ITE ADVED FOR BETTER ACCESS.	al
· · · · · · · · · · · · · · · · · · ·	

WBID # 3359 Site # 1000

WBID	#_	3359	Site # _	1000
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Date: 07 / 16 / 2006

Telephone #:

NONE

# Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet C - Interviews

	(Make addition	nal copies as necess	sary for multiple inter-	views)		
1. Do you live i	in the area? □`v long have you					
	rsonally used thi		ecreation since 1975?	□ Yes □ No		
☐ Swimming	☐ Swimming ☐ Skin diving ☐ SCUBA diving ☐ Tubing ☐ Water skiing					
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:		
How often do you use it for recreation?  G More than 5 times per year  G 1 - 5 times per year  G Less than 1 time per year - please describe:  3. Have you observed others using this water body for recreation since 1975?   No						
☐ Swimming	ase check ALL t	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing			☐ Wading			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:		
How often have you observed it being used for recreation?  G More than 5 times per year  G 1 - 5 times per year  G Less than 1 time per year - please describe:  4. Additional Comments:						
Contact Information Name: Address:		to provide):				



Site# 974 Photo ID# 0674, Upstream



Site# 974 Photo ID# 0676, Fence



Site# 974 Photo ID# 0675, Downstream



Site# 975 Photo ID# 0679, Upstream



Site# 975 Photo ID# 0680, Downstream



Site# 976 Photo ID# 0682, Downstream



Site# 976 Photo ID# 0681, Upstream



**Site# 976 Photo ID# 0683, Fence** 



Site# 976 Photo ID# 0685, Agriculture



Site# 998 Photo ID# 0687, Upstream



**Site# 976 Photo ID# 0686, Access** 



Site# 998 Photo ID# 0688, Downstream



Site# 998 Photo ID# 0689, Roadway



Site# 999 Photo ID# 0671, Downstream



Site# 999 Photo ID# 0670, Upstream



Site# 999 Photo ID# 0672, Agriculture



**Site# 999 Photo ID# 0673, Trash** 



Site# 1000 Photo ID# 0678, Downstream



Site# 1000 Photo ID# 0677, Upstream